Name of Plasmid: pE425.MnSOD.Sense

Scientist: HT

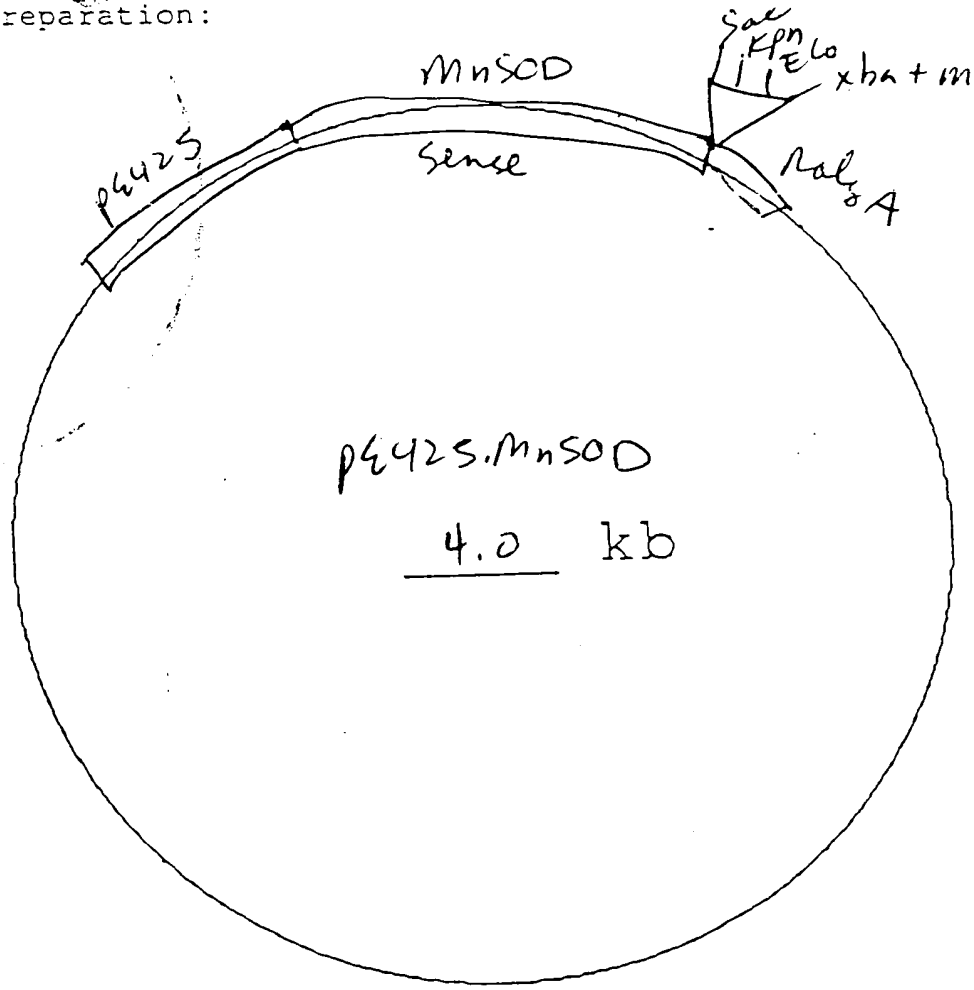
Log Number: 60

Date: [redacted]

Description of Construct: See Next Page

Method of Preparation:

Source:



Rec'd [redacted]

put at -20°C

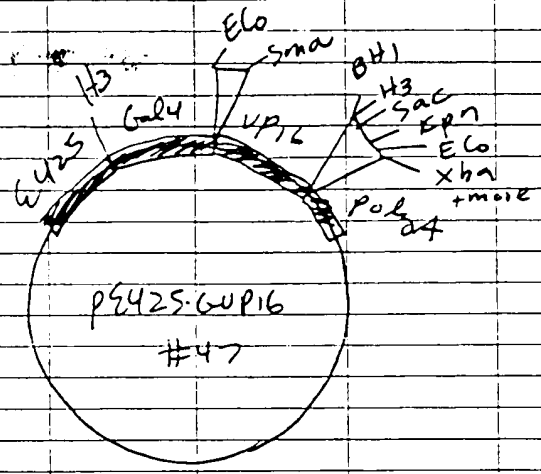
Enzyme buy

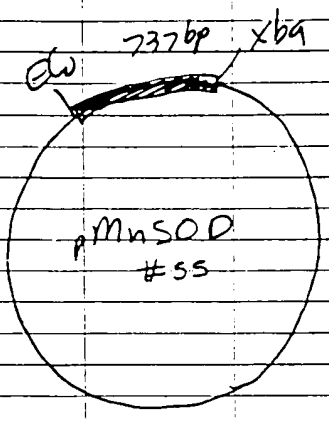
Expected Results of Digests:

Enzyme:	ECo	Nar	BH1+E	PvuII+Xba	
Fragments:	4.0		2.4	3.0	
			1.1	700	
			200	250	

Notes:

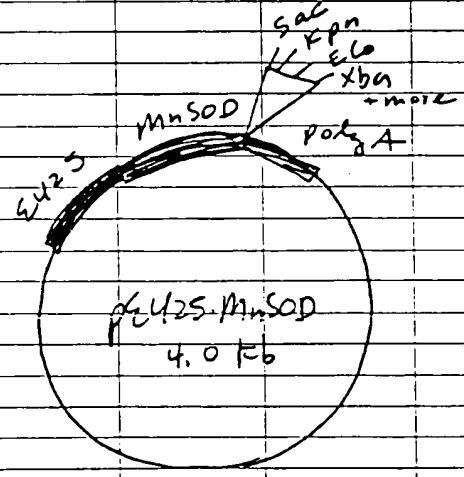
Construction of pE425.MnSOD





digest w/ H3
Klenow
phosphatase
3.2 Kb + 1.3 Kb

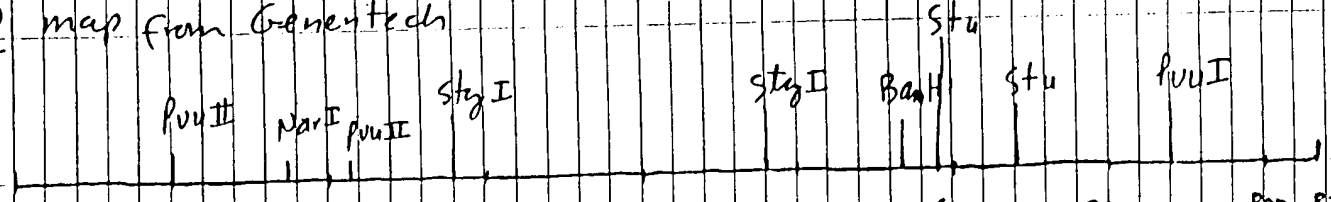
digest w/ Eco + Xba
Klenow
2.8 (doublet?) + 7376p



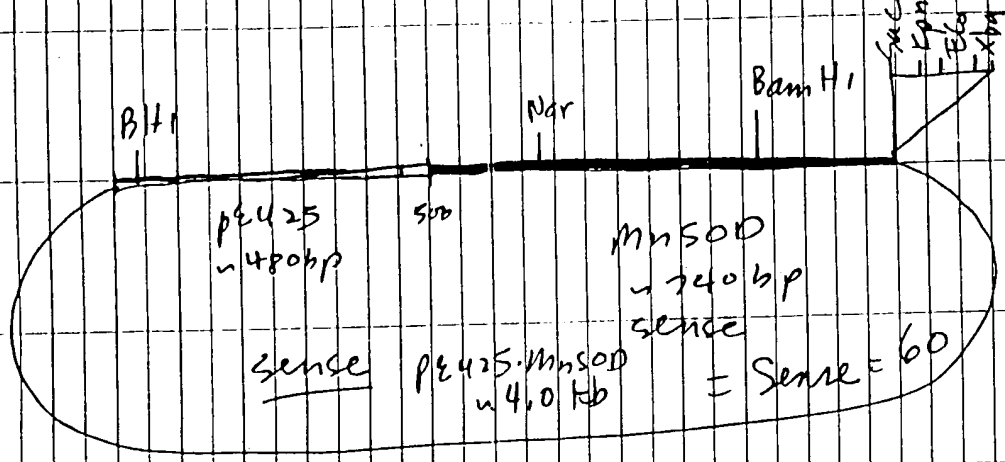
Sense = 60
AS = 61

Restriction map of pE425 MnSOD

MnSOD map from Genentech

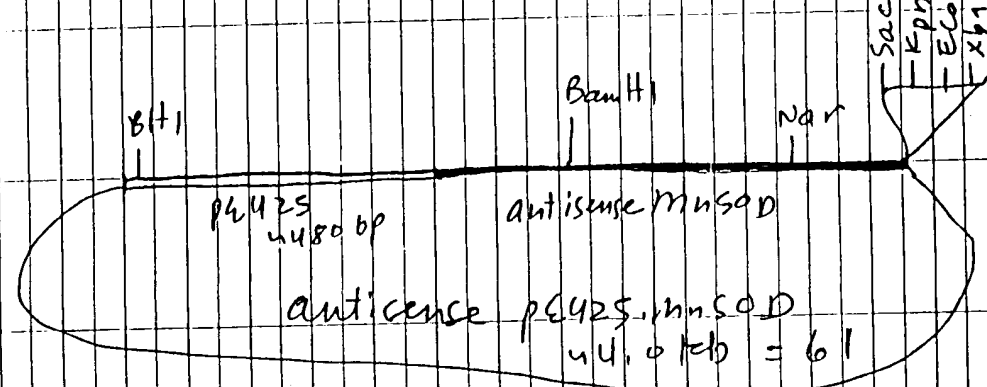


737 bp of this MnSOD was inserted to make pE425.MnSOD the exact 737 bp fragment is not known.



Sense pE425.MnSOD
4.0 Kb = Sense = 60

Sense BamH1 (1 Kb) +2.6
BH1+EcoRI 200bp +1.0 +2.5
NarI+EcoRI 600 +1.2 +2.4



antisense pE425.MnSOD
4.0 Kb = 61

Antisense +2.3
BH1 (700bp) +0.8
BH1+EcoRI 600 +700 +2.3
Nar+EcoRI 200+0.9 +1.1+2.3

Name of Plasmid: pE425.TNF

Scientist: HY

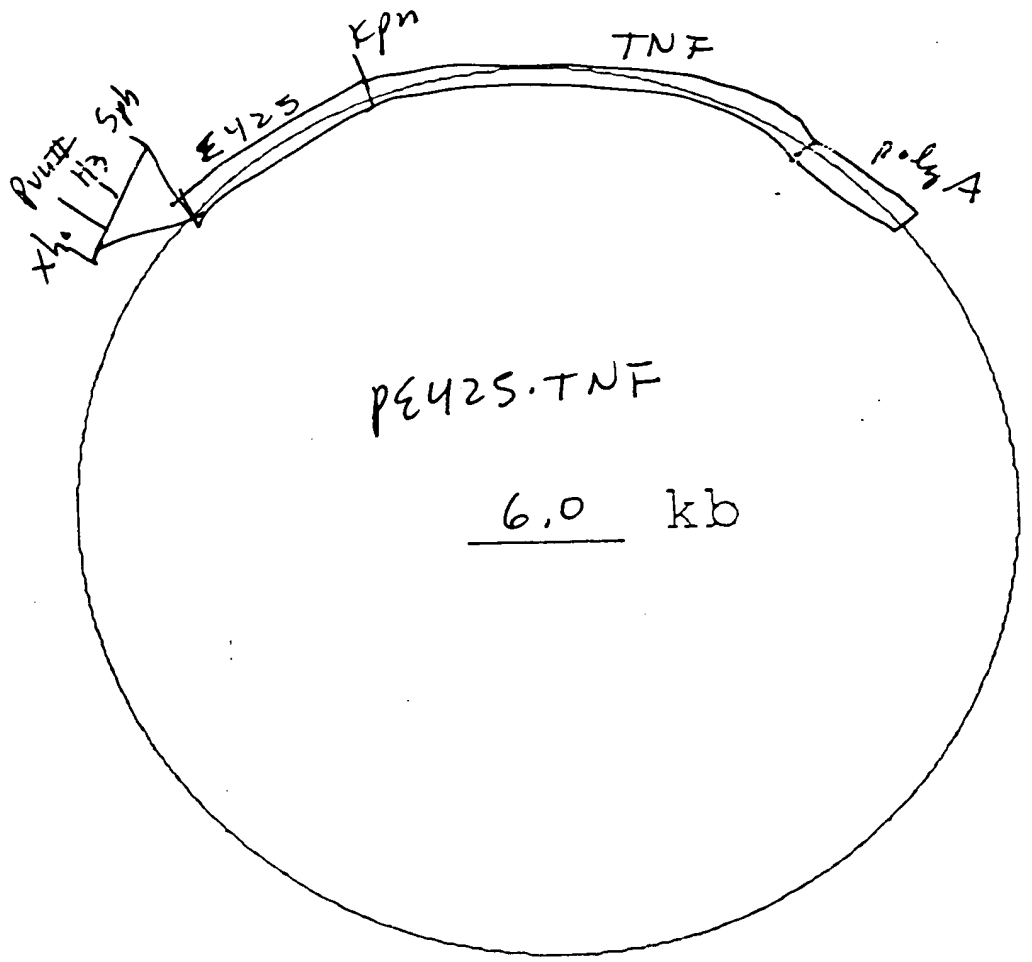
Log Number: 59

Date: [redacted]

Description of Construct: See Next Page. 2 pages

Method of Preparation:

Source:

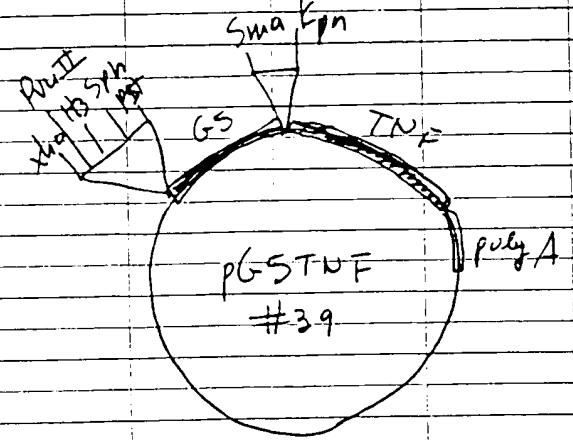


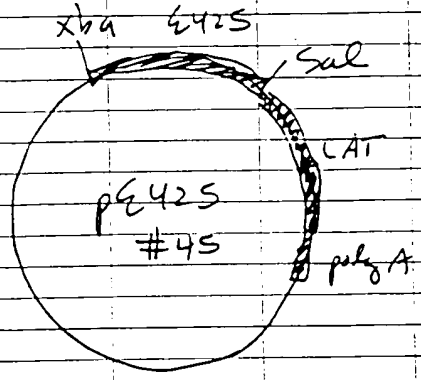
Expected Results of Digests:

Enzyme:	EcoRI	H3	BH1	BH1+H3	XhoI	SphI	Pv
Fragments:	6.0	4.5	6.0	4.5	6.0	6.0	5
		1.4		1.4			1.
							.4

Notes:

Construction of pE425.TNF #59



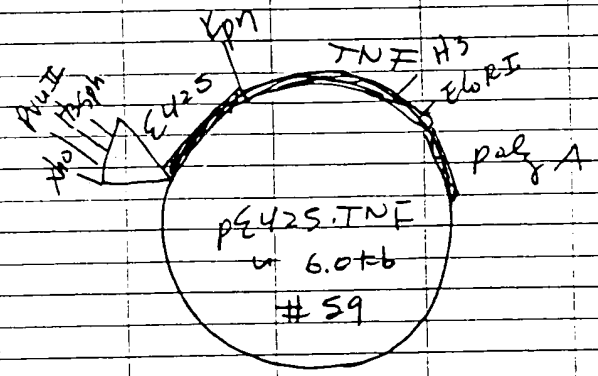


digest w/ Pst + Sma
T4 DNA polym
phosphatase

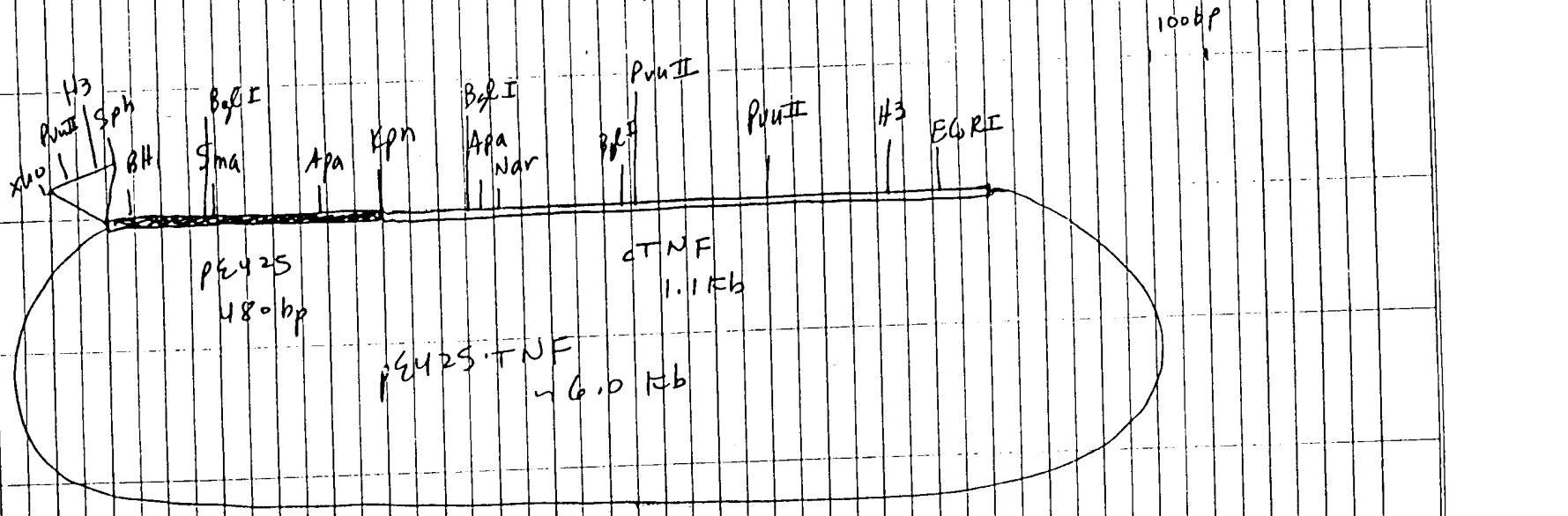
~ 5.5kb + 100bp

digest w/ Xba + Sal
Klenow

4.2 kb + 480 bp



Restriction Map of pEU25·TNF (made from pG5TNF/pEU25)



Digestion w/ EcoRI 6.0 Kb
Digestion w/ H3 1.4 Kb + 4.5 Kb
Digestion w/ BH1 6.6 Kb
" BH + H3 1.4 Kb + 4.5 Kb (As will generate 0.9 Kb)
" w/ Apa + EcoRI should see ~600 bp + other bands